



Interstate 10 Corridor Improvement Study (CIS) State Route 51 to Santan Freeway

Public Meeting



Julian Avila & Paul O'Brien
Wednesday, May 2nd, 2007



What is the Regional Transportation Plan (RTP)?



The RTP is a partnership between Arizona Department of Transportation (ADOT), Maricopa Association of Governments (MAG), local cities, Valley Metro and Valley Metro Rail to:

- Manage regional transportation programs
- Coordinate project implementation
- Develop finance strategies
- Foster communication and public involvement
- Facilitate regional collaboration on transportation initiatives





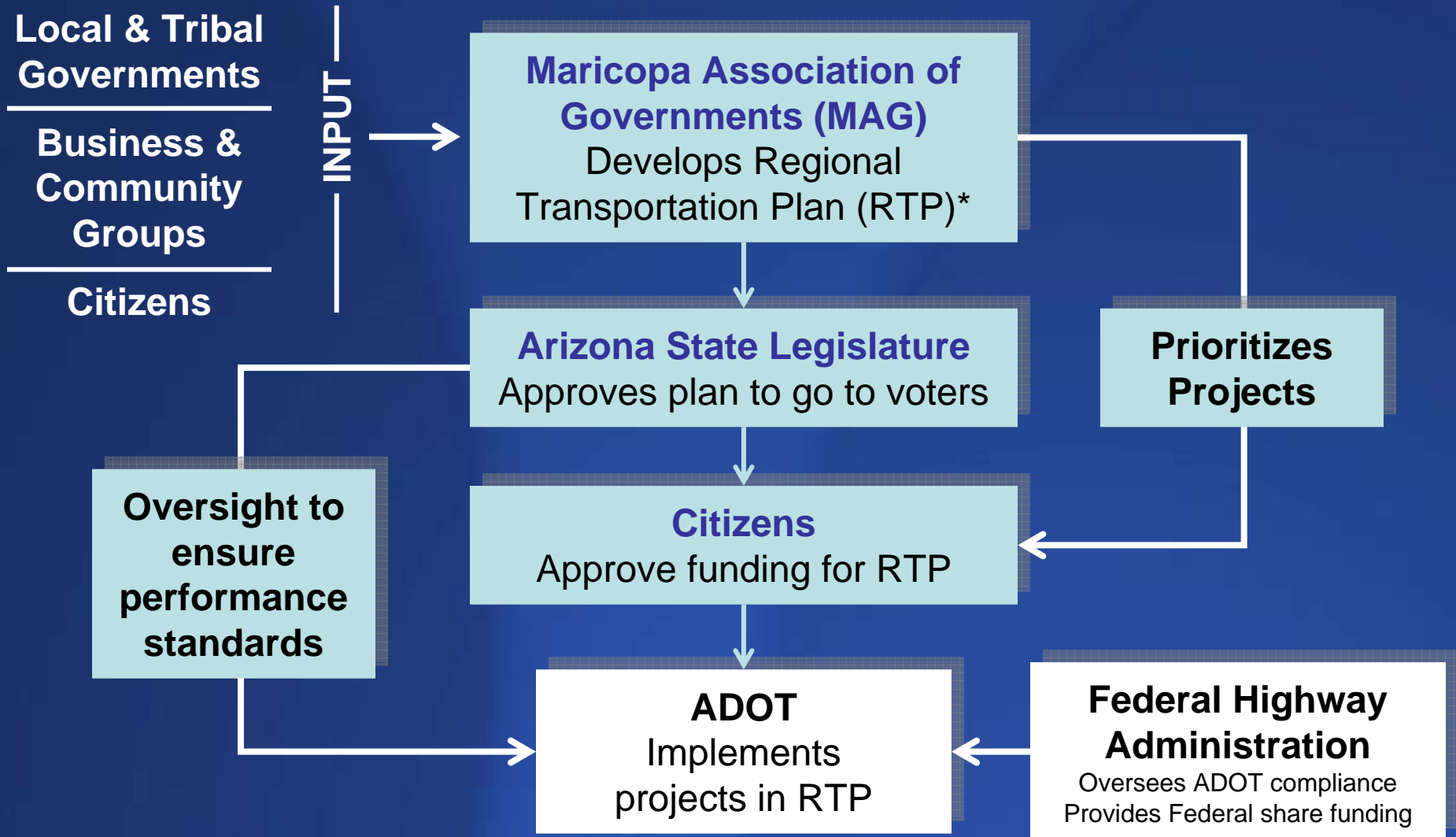
Regional Transportation Plan



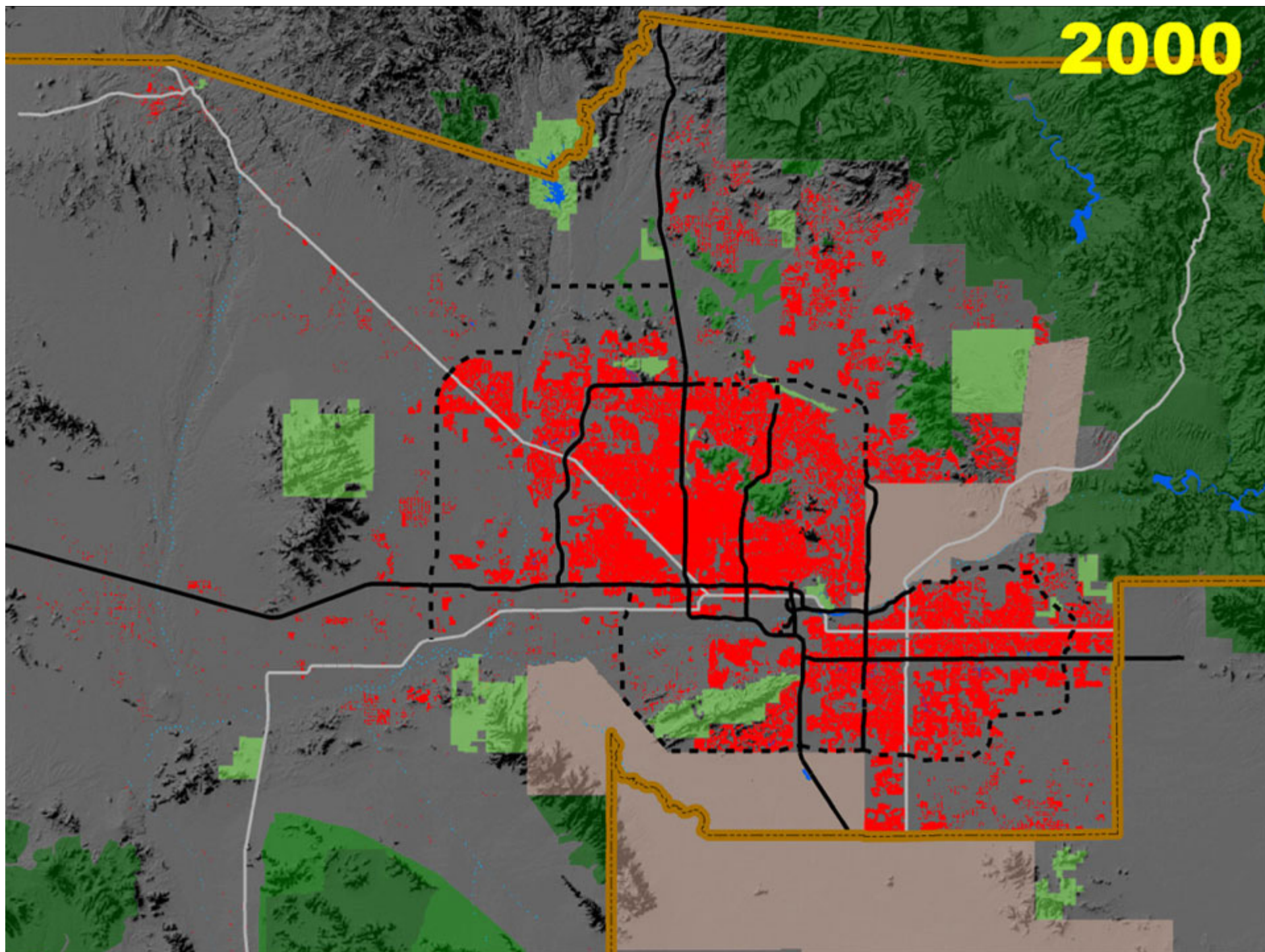
- Transportation investment blueprint for the next 20 years
 - Policy framework identifying transportation priorities
 - Guided by performance goals
- Most comprehensive transportation planning effort in last 40 years
- Developed by MAG Transportation Policy Committee
- MAG adopted 2003
- Proposition 400 voter approved November 2004

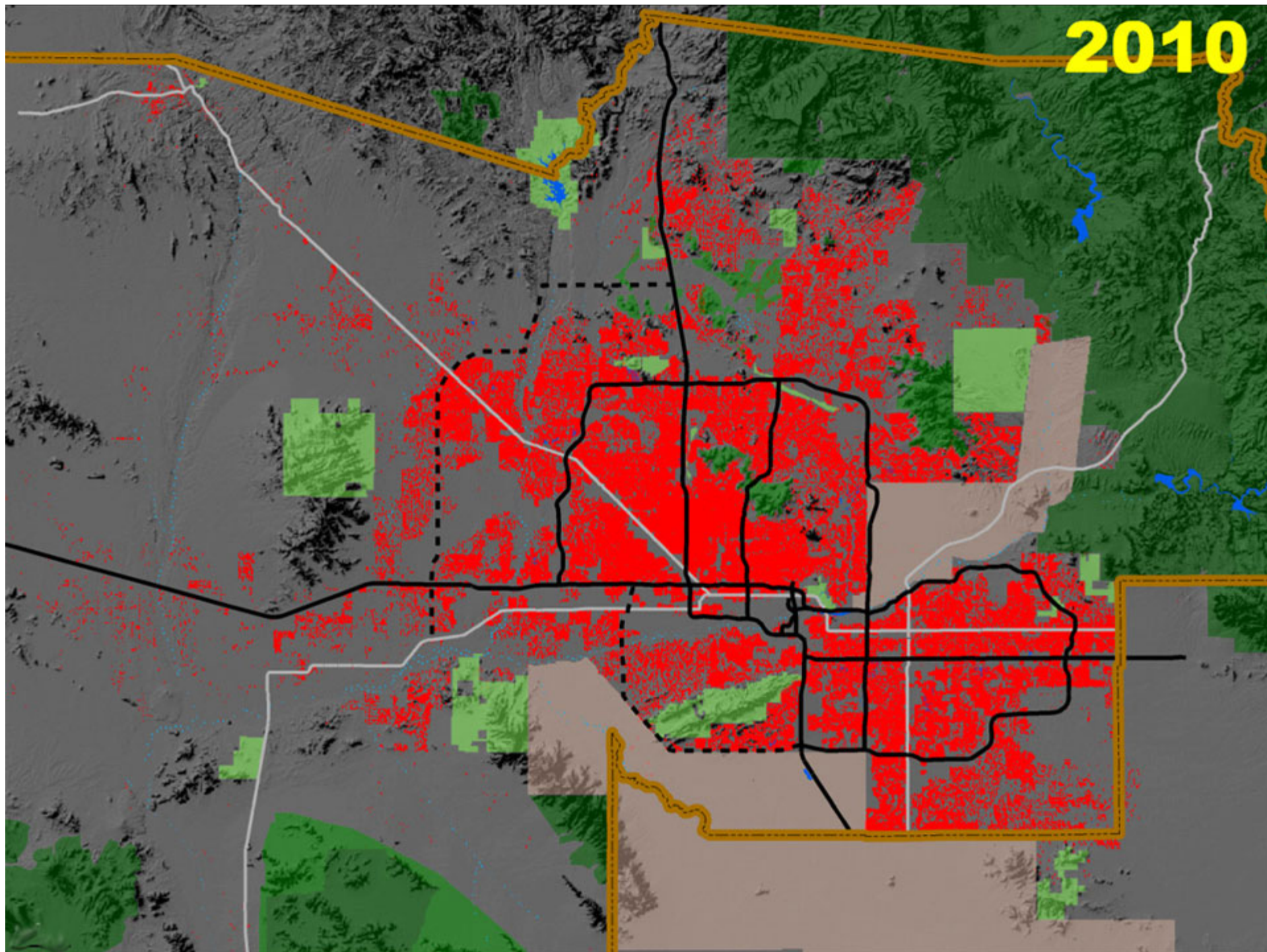


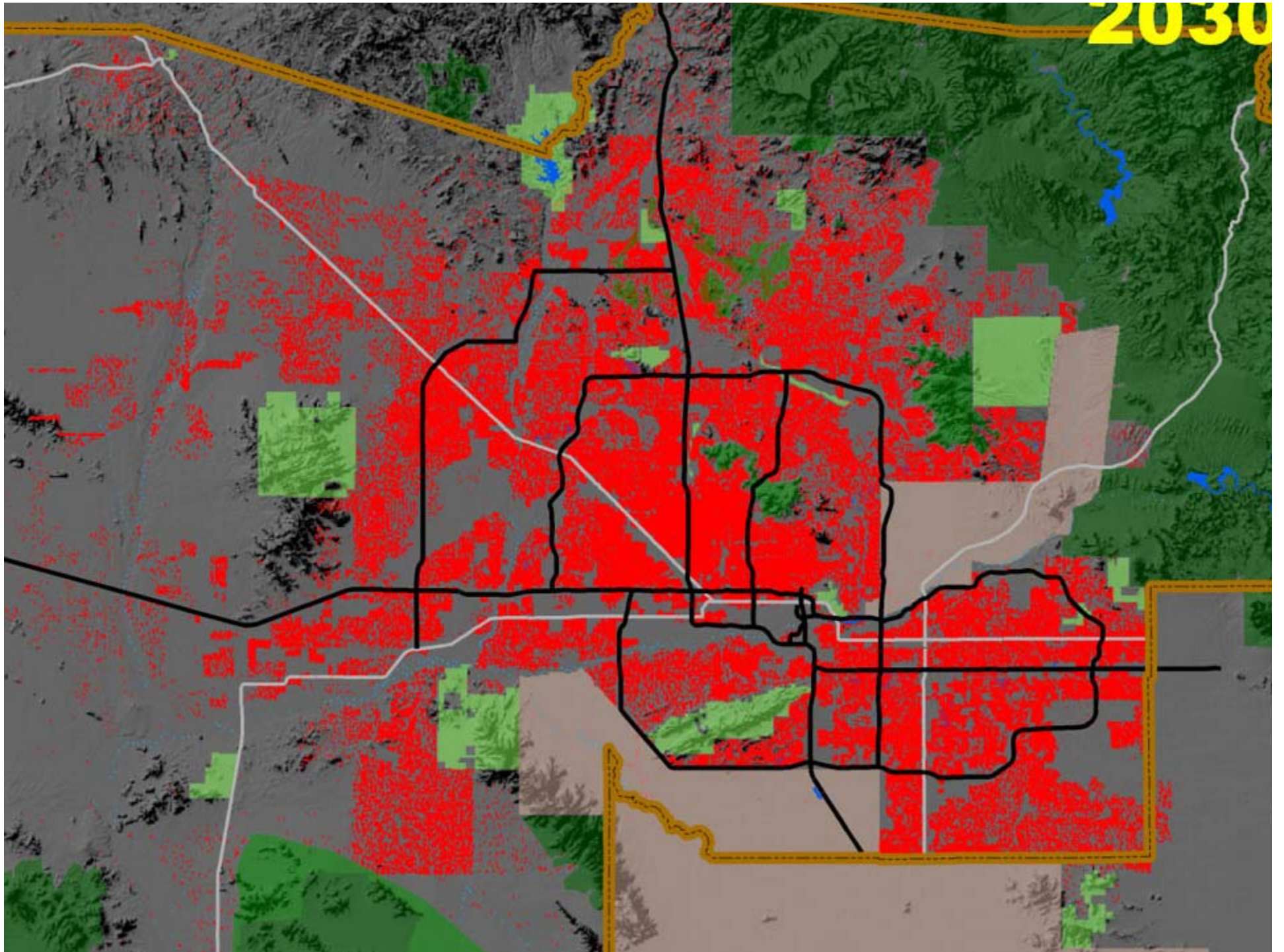
Regional Transportation Planning Process



* Maricopa County Voters approved current RTP in November 2004









MAG's Role

- Regional transportation planning
- Prioritization of phasing and funding of projects
- Approval of accelerations and cost changes to RTP
- Approval of air quality analyses on all regional transportation projects



ADOT's Role

- Implement RTP Freeway Program
- Conduct studies to identify and evaluate alternatives
- Acquire right-of-way
- Design, construct and maintain freeway system



Federal Highway Administration's (FHWA) Role

- Provides Federal highway funds
- Serve as lead federal agency
 - *National Environmental Policy Act of 1969*
- Participate in study process
- Provide document review and decision



Public's Role

- Ask questions
- Provide feedback
- Inform us
 - What is important to you?
 - What are your concerns?



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THE PROBLEM

THE PLAN

THE PEOPLE

THE PROCESS

PARTICIPATE

DID YOU KNOW?

NEWS UPDATES

DID YOU KNOW?

Arizona has generally doubled its population every 20 years since 1900. From 1990 to 2000, Arizona was the second fastest-growing state in the nation by percentage.

Transportation Policy Committee

MAG Regional Transportation Plan

Public Outreach Activities

Final Regional Transportation Plan Approved

The [Maricopa Association of Governments](#)—working with local communities, state and regional agencies, business leaders, and the public—has developed the new Regional Transportation Plan that will guide transportation investments for the next 20 years. Technical studies conducted across the region, along with extensive public outreach and support from the business community, have all contributed to building a transportation plan that is designed to balance various needs throughout the region while meeting performance-based standards.

[Download Final RTP](#)

The Plan was approved by the Transportation Policy Committee and Regional Council, and has also passed required air quality standards. The [full Plan](#) and [executive summary](#) are available online.

See the [News Updates](#) page for more press releases, and the [Public Outreach Activities Project](#) page for an up-to-date calendar and the latest related documents.

What's in the Plan?

What's New

- ▶ [2006 RTP Update - Draft](#)
- ▶ [2005 RTP Phasing Maps](#)
- ▶ [April 2006 Transportation News Update](#)

Downloads

- ▶ [Regional Transportation Plan](#)
- ▶ [Regional Transportation Plan Executive Summary](#)
- ▶ [Freeways and Arterials Map](#)
- ▶ [Regional Bus System Map](#)
- ▶ [Bus Rapid Transit and Light Rail Transit Map](#)
- ▶ [RTP PowerPoint Presentation](#)
- ▶ [Single Page RTP Summary Flier](#)
- ▶ [Subarea Fact Sheets of Transportation Improvements](#)

MAGAZine

SPECIAL EDITION

ON THE MOVE

PARTNER IN PROGRESS

Internet



Public Involvement Approach



- Clear, consistent, and inclusive communication from the planning stage, through design and construction
- Seek input from local governments, agencies and elected officials
- Work with local community based organizations, neighborhoods and businesses
- Utilize existing information and resources



About the I-10 Corridor Improvement Study

What is the study?

- Evaluating capacity improvements on I-10 from SR 51 to the Santan Freeway
- Preparing a Design Concept Report (DCR), Environmental Impact Statement (EIS) and Implementation Plan
- Obtaining a Record of Decision from FHWA

The Project is:

- Funded in Phase I of the Regional Transportation Plan (2006 – 2010) and;
- Programmed Budget of \$550 Million





I-10 Traffic Conditions

	I-17 to 32nd St.	Broadway Curve	Elliot Rd. to Ray Rd.
Existing Conditions	290,000 vpd	297,000 vpd	145,000 vpd
No-Build (2030)	300,000 vpd	320,000 vpd	185,000 vpd
Express/Local Lanes Concept (2030)	400,000 vpd	430,000 vpd	250,000 vpd

Source: MAG Travel Demand Model, including all improvements identified in the RTP

vpd = vehicles per day



Concepts Considered

- **No Build**
 - **I-10 Widening**
 - **Express/Local Lane Concepts**
 - **Express/Local Lanes w/ HOV Viaduct**
- *Note: All build alternatives include two HOV lanes in each direction between I-17 & US 60*



Why not just widen I-10?



- Would add 1-2 lanes in each direction of travel
- Would not alleviate current weaving conditions at Broadway Curve
- Would not accommodate future travel demand
- Results in similar congestion issues as seen today



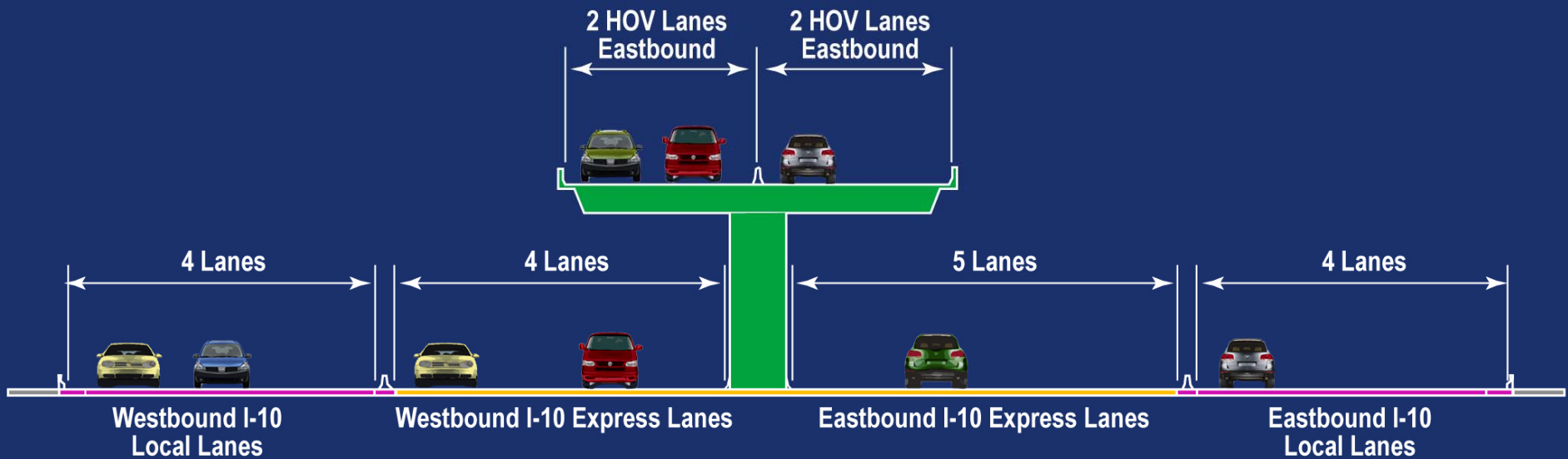
Express/Local Lanes Concept



- Concept developed in 1980's
- Separate lanes for regional and local traffic to reduce weaving
- Limited number of transfer ramp connections between local and express lanes
- Reduces conflict between local and regional travelers
- Reconstructs the I-10 & SR 143 Interchange



Why not Express/Local Lanes with HOV Viaduct?





Alternatives to be Further Evaluated



- **No-Build**
- **Express/Local Lane Concepts**
 - There are two variations which have slightly different lane configurations
 - Two HOV Lanes in each direction
 - Complete reconstruction of I-10 & SR 143 Interchange



Locations of Express/Local Lanes

- **Toronto, Canada:** Highway 401
- **Chicago, Illinois:** I-90 (*Dan Ryan Expressway*)
- **Detroit, Michigan:** I-96 (*Jeffries Freeway*)



Express/Local Lanes

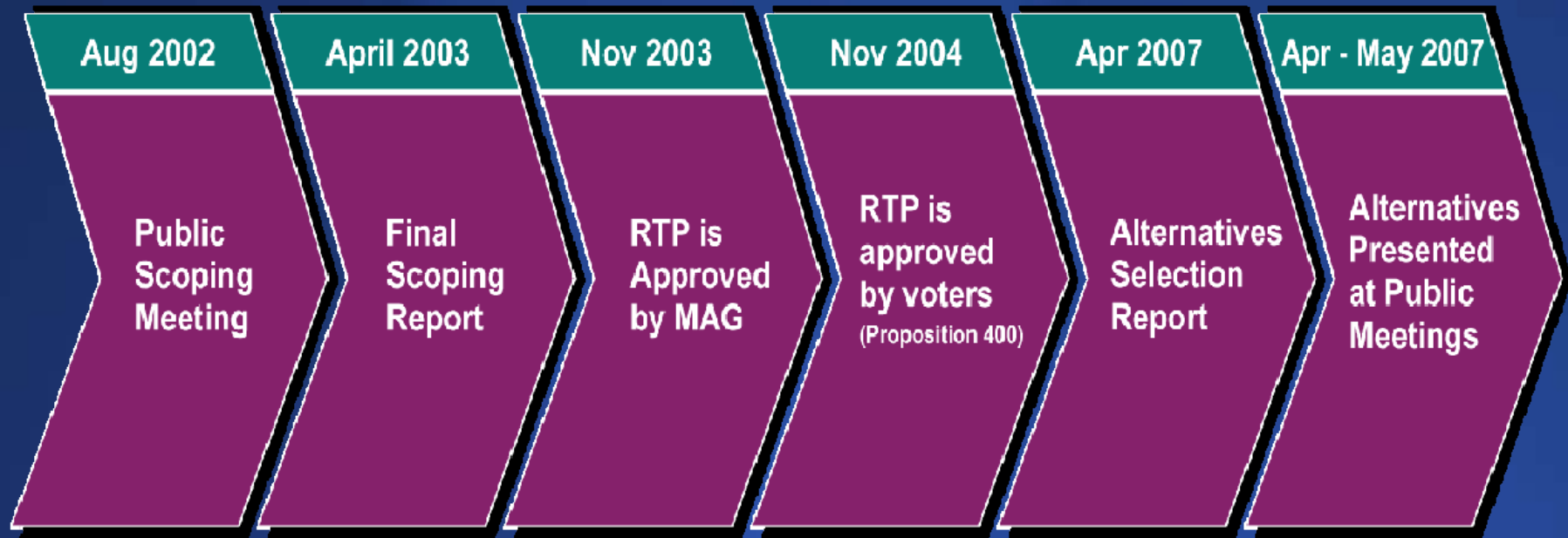
Show Local Photo-simulation



- 15 minute video
- Boards detailing each interchange are present for your viewing around room

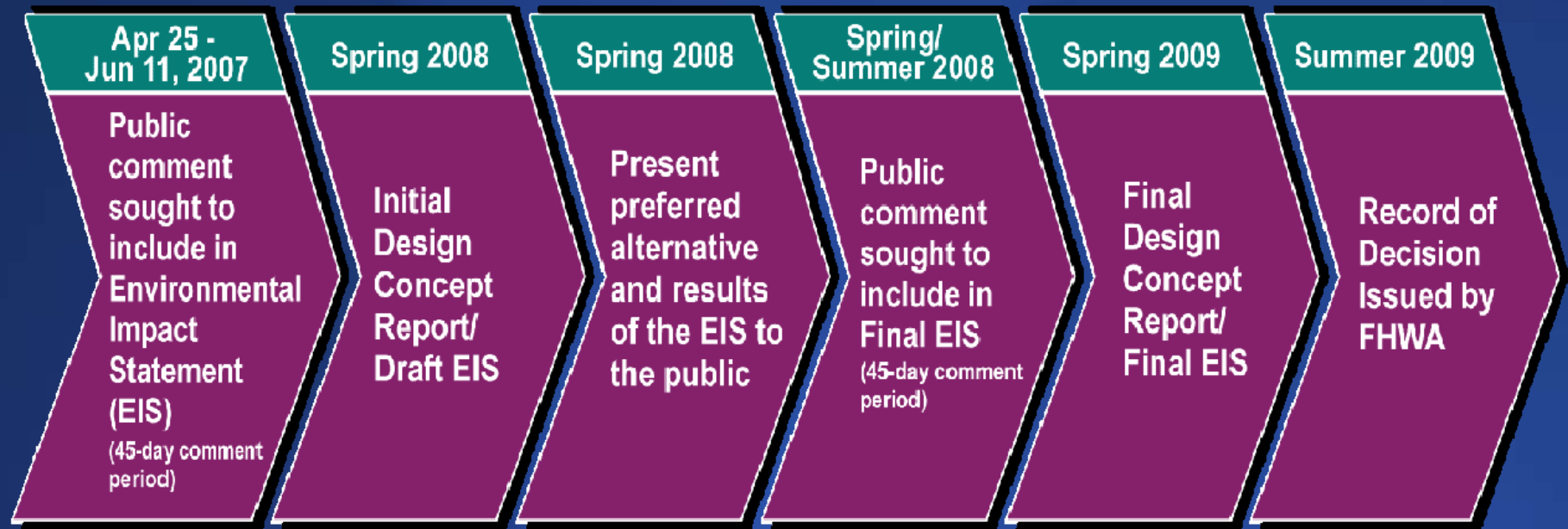


I-10 Study Process/Timeline





Next Steps





Westbound Broadway Curve Congestion Management Project



- Extend outside lane from Southern Avenue to SR 143 exit
- Anticipated construction starting in Spring 2008
- See Board for details



Thank you!

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